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IEEE JNL IEEE Journal or Magazine

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IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

1. Predicting future behavior of transient events rapidly enough to evaluate remedial control of Rovnyak, S.; Chih-Wen Liu; Jin Lu; Weimin Ma; Thorp, J.; [Power Systems, IEEE Transactions on](#) Volume 10, Issue 3, Aug. 1995 Page(s):1195 - 1203 Digital Object Identifier 10.1109/59.466537 [AbstractPlus](#) | Full Text: [PDF\(992 KB\)](#) IEEE JNL [Rights and Permissions](#)

2. Application of synchronised phasor measurements to real-time transient stability prediction Liu, C.-W.; Thorp, J.; [Generation, Transmission and Distribution, IEE Proceedings-](#) Volume 142, Issue 4, July 1995 Page(s):355 - 360 [AbstractPlus](#) | Full Text: [PDF\(408 KB\)](#) IET JNL

3. New methods for computing power system dynamic response for real-time transient stability Chih-Wen Liu; Thorp, J.S.; [Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on \[see also Circuits and Systems, IEEE Transactions on\]](#) Volume 47, Issue 3, March 2000 Page(s):324 - 337 Digital Object Identifier 10.1109/81.841915 [AbstractPlus](#) | References | Full Text: [PDF\(300 KB\)](#) IEEE JNL [Rights and Permissions](#)

4. SPECS simulation validation with efficient transient sensitivity computation Nguyen, T.V.; Feldmann, P.; Director, S.W.; Rohrer, R.A.; [Computer-Aided Design, 1989, ICCAD-89, Digest of Technical Papers.. 1989 IEEE International Conference on](#) 5-9 Nov. 1989 Page(s):252 - 255 Digital Object Identifier 10.1109/ICCAD.1989.76947 [AbstractPlus](#) | Full Text: [PDF\(384 KB\)](#) IEEE CNF [Rights and Permissions](#)

5. Spatial control of a large PHWR by piecewise constant periodic output feedback Tiwari, A.P.; Bandyopadhyay, B.; Werner, H.; [Nuclear Science, IEEE Transactions on](#) Volume 47, Issue 2, Part 2, April 2000 Page(s):389 - 402 Digital Object Identifier 10.1109/23.846272

[AbstractPlus](#) | References | Full Text: [PDF\(308 KB\)](#) IEEE JNL

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6. Analytical transient solution for short-channel CMOS devices using a pseudo piecewise constant approach
Hung-Jung Chen; Carlson, B.S.;
Circuits and Systems, 1999. 42nd Midwest Symposium on
Volume 1, 8-11 Aug. 1999 Page(s):317 - 320 vol. 1
Digital Object Identifier 10.1109/MWSCAS.1999.867270
[AbstractPlus](#) | Full Text: [PDF\(372 KB\)](#) IEEE CNF
[Rights and Permissions](#)
7. Efficient transient analysis of nonlinear circuits using Volterra series and piecewise constant approximation
Yuan, F.; Raahemifar, K.; Mohammadi, F.A.;
Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on
Volume 3, 6-9 May 2001 Page(s):819 - 822 vol. 2
Digital Object Identifier 10.1109/ISCAS.2001.921458
[AbstractPlus](#) | Full Text: [PDF\(268 KB\)](#) IEEE CNF
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L2: Entry 1 of 1

File: PGPB

Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050273307

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050273307 A1

TITLE: TRANSIENT SIMULATION USING ADAPTIVE PIECEWISE CONSTANT MODEL

PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Hemmett, Jeffrey E.</u>	St. George	VT	US

US-CL-CURRENT: 703/14

<input type="button" value="Full"/>	<input type="button" value="Title"/>	<input type="button" value="Citation"/>	<input type="button" value="Front"/>	<input type="button" value="Review"/>	<input type="button" value="Classification"/>	<input type="button" value="Date"/>	<input type="button" value="Reference"/>	<input type="button" value="Sequences"/>	<input type="button" value="Attachments"/>	<input type="button" value="Claims"/>	<input type="button" value="KINIC"/>	<input 561="" 585"="" 899="" 90="" data-label="Form" type="button" value="Drawn De</input></td> </tr> </table> </div> <div data-bbox="/> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 2.5%;"><input type="button" value="Clear"/></td> <td style="width: 2.5%;"><input type="button" value="Generate Collection"/></td> <td style="width: 2.5%;"><input type="button" value="Print"/></td> <td style="width: 2.5%;"><input type="button" value="Fwd Refs"/></td> <td style="width: 2.5%;"><input type="button" value="Bkwd Refs"/></td> <td style="width: 2.5%;"><input type="button" value="Generate OACS"/></td> </tr> </table>	<input type="button" value="Clear"/>	<input type="button" value="Generate Collection"/>	<input type="button" value="Print"/>	<input type="button" value="Fwd Refs"/>	<input type="button" value="Bkwd Refs"/>	<input type="button" value="Generate OACS"/>
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TRANSIENT	143971
TRANSIENTS	32452
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SIMULATANEOULSY	1
SIMULATANEOUS	30
SIMULATANEOUSLY	78
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1. Document ID: US 20050273307 A1

L3: Entry 1 of 5

File: PGPB

Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050273307

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050273307 A1

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PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
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US-CL-CURRENT: 703/14

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2. Document ID: US 6137293 A

L3: Entry 2 of 5

File: USPT

Oct 24, 2000

US-PAT-NO: 6137293

DOCUMENT-IDENTIFIER: US 6137293 A

TITLE: Measuring method for equivalent circuitry

DATE-ISSUED: October 24, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wu; Ruey-Beei	Taipei			TW
Wang; Mei-Hua	Taipei			TW

US-CL-CURRENT: 324/638; 324/637, 703/14

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn De](#)

3. Document ID: US 6106561 A

L3: Entry 3 of 5

File: USPT

Aug 22, 2000

US-PAT-NO: 6106561

DOCUMENT-IDENTIFIER: US 6106561 A

TITLE: Simulation gridding method and apparatus including a structured areal gridded adapted for use by a reservoir simulator

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Farmer; Christopher L.	Abingdon			GB

US-CL-CURRENT: 703/10; 345/423, 367/72, 367/73, 702/11, 702/12, 702/13, 702/16,
702/5, 702/6, 703/2, 703/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMNC	Drawn De
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 4. Document ID: US 6078869 A

L3: Entry 4 of 5

File: USPT

Jun 20, 2000

US-PAT-NO: 6078869

DOCUMENT-IDENTIFIER: US 6078869 A

TITLE: Method and apparatus for generating more accurate earth formation grid cell property information for use by a simulator to display more accurate simulation results of the formation near a wellbore

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gunasekera; Dayal L.	Curbridge			GB

US-CL-CURRENT: 702/6; 367/69

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMNC	Drawn De
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 5. Document ID: US 6018497 A

L3: Entry 5 of 5

File: USPT

Jan 25, 2000

US-PAT-NO: 6018497

DOCUMENT-IDENTIFIER: US 6018497 A

TITLE: Method and apparatus for generating more accurate earth formation grid cell property information for use by a simulator to display more accurate simulation

results of the formation near a wellbore

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gunasekera; Dayal L.	Curbridge			GB

US-CL-CURRENT: 367/72; 367/38, 367/68, 367/69, 367/7, 702/14

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Assignments](#) [Attorneys](#) [Claims](#) [KMC](#) [Draw](#) [De](#)

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Term	Documents
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PIECEWIZE	19
PIECEWIZES	0
CONSTANT	1343885
CONSTANTS	143821
SIMULAT\$	0
SIMULAT	24
SIMULATA	7
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L4: Entry 1 of 4

File: PGPB

Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050273307

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050273307 A1

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PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hemmett, Jeffrey E.	St. George	VT	US

US-CL-CURRENT: 703/14

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn De](#)

2. Document ID: US 20030069722 A1

L4: Entry 2 of 4

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030069722

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030069722 A1

TITLE: Systems, methods and computer program products for creating hierarchical equivalent circuit models

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Beattie, Michael W.	Pittsburgh	PA	US
Pileggi, Lawrence T.	Pittsburgh	PA	US

US-CL-CURRENT: 703/14

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn De](#)

3. Document ID: US 7096174 B2

L4: Entry 3 of 4

File: USPT

Aug 22, 2006

US-PAT-NO: 7096174

DOCUMENT-IDENTIFIER: US 7096174 B2

TITLE: Systems, methods and computer program products for creating hierarchical equivalent circuit models

DATE-ISSUED: August 22, 2006

PRIOR-PUBLICATION:

DOC-ID DATE
US 20030069722 A1 April 10, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY
Beattie; Michael W. Pittsburgh PA US
Pileggi; Lawrence T. Pittsburgh PA USUS-CL-CURRENT: 703/14; 716/18[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn De](#) 4. Document ID: US 6106561 A

L4: Entry 4 of 4

File: USPT

Aug 22, 2000

US-PAT-NO: 6106561

DOCUMENT-IDENTIFIER: US 6106561 A

TITLE: Simulation gridding method and apparatus including a structured areal gridded adapted for use by a reservoir simulator

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY
Farmer; Christopher L. Abingdon GBUS-CL-CURRENT: 703/10; 345/423, 367/72, 367/73, 702/11, 702/12, 702/13, 702/16,
702/5, 702/6, 703/2, 703/5[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn De](#)[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)